

ABSTRACT OF THE DISCLOSURE

The eccentrically oscillating gear device is equipped with an internal gear (15) having internal gear pins (15a), a carrier (11) rotating relative to the internal gear, a pair of bearings (19, 20) that have a rolling element and a ring body for supporting the rolling element, a crank shaft
5 supported by the carrier so as to be freely rotatable and external gears (13, 14) that are equipped with external teeth having a trochoid tooth profile whose tooth top portions are cut out, and disposed between the pair of bearings. The outer peripheries of the external gears are engaged with the internal gear pins and fitted to the crank portion of the crank shaft. The eccentrically oscillating gear device is designed so that the external gear makes an eccentrically oscillating motion by
10 rotation of the crank shaft and the rotational output is taken out from the internal gear or the carrier.